BENDS

$H_L = K\ (V_j{}^2/2g)$

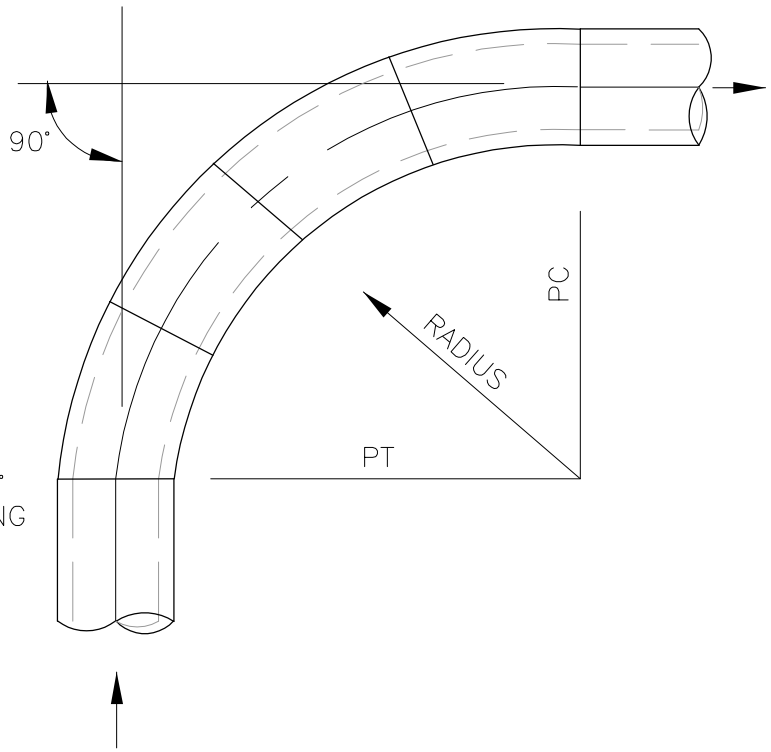
CASE I

CONDUIT ON 90° CURVES

NOTE: HEAD LOSS APPLIED AT PC FOR LENGTH

RADIUS	K_b
1 X D	0.50
(2 TO 8) X D	0.25
(8 TO 20) X D	0.04
>20 X D	0

*WHEN CURVES OTHER THAN 90° ARE USED, APPLY THE FOLLOWING FACTORS TO 90° CURVES
60° CURVE 85%
45° CURVE 70%
22-1/2° CURVE 40%

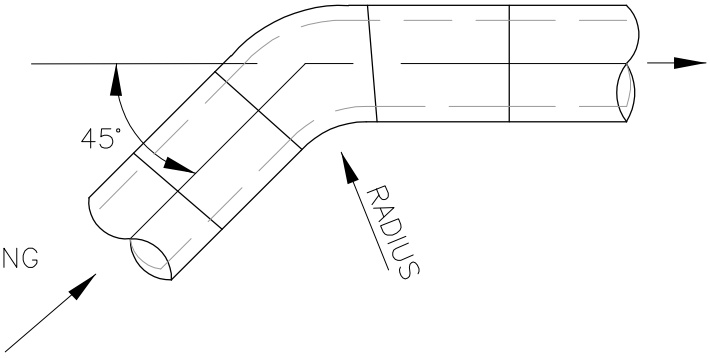


CASE II

BENDS WHERE RADIUS IS EQUAL TO DIAMETER OF PIPE

NOTE: HEAD LOSS APPLIED AT BEGINNING OF BEND

θ° BEND	K_b
90	0.50
60	0.43
45	0.35
22-1/2	0.20



N.T.S.

	STANDARDS & SPECIFICATIONS	REVISED:	STORM SEWER ENERGY LOSS COEFFICIENT
DATE:		DRAWING NO. 400-20	